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Language Sv Bu

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Order from OTS or SLA \$1.60

62-20403

Trans. of French patent 1,288,059, appl. no. 845,922,
filed 5 Dec 60, gr. 12 Feb 62 (British priority
no. 41,351/1959, 4 Dec 59) by Gevaert Photo Producten
N. V., Belgium (pub. in Bulletin Officiel de la
Propriété Industrielle (France) 1962, no. 12).

DESCRIPTORS: *Electrophotography, Photographic
images, Photographic chemicals.

The invention has for its purpose a method for obtaining
an electrostatic latent image of an object, from which
it is possible to obtain a visible reproduction, charac-
terized in that one applies an electrical charge to an
electrothermographic material containing an electro-
conductive dorsal element and an electrothermographic
(Materials--Photographic, TT, v. 10, no. 11) (over)

62-20403

I. Title: Electrothermographic
materials

I. Conix, A. J.

II. Cassiers, P. M.

III. Patent (France) 1 288 059

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Industrial Production Set for First Two Years
of 1966-1970 Plan, by Stevan Conkic, 17 pp.
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pp 1657-1662.
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STEVAN CONKIC

EE-Hugo
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EEUR - YUGOSLAVIA

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REF ID: A68

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Econ - Metallurgy - Nonferrous - Mining - Non-
Nonferrous Ores

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MAURER, E.
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No 5-6, pp 179-188; 6900 words.

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AFCKL T-I-75

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Product of Interferometers by Using
a Path Difference Independent of the
Incidence, by Pierre Connes.
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NASA TT F-10,892

Pierre Connes

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DESCRIPTORS: *Interferometers, Design, Line
spectrum, Hyperfine structure, Optical instruments.

(Physics--Optics, TT, v. 10, no. 7)

63-14013

1. Title: Fabry-Perot
etalon
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A247542

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IC 42058

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SEPARATION OF SPECTRAL LINES BY HIGH FRE-
QUENCY MODULATION. [1963] 38p. 16 refs.
Order from SLA \$3.60

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Trans. of [Journal] de Physique et le Radium (France)
1962, v. 23, no. 3, p. 173-183.

DESCRIPTORS: *Line spectrum, Separation, *Phase
modulation, High frequency, Sidebands, *Interfer-
ometers, Continuous spectrum.

In order to illustrate the phenomenon of "artificial
lines" by the use of a multiple reflection interferometer
(which may be regarded as a multidimensional cavity)
illuminated by a continuous spectrum, these lines are
separated into sidebands through high frequency
modulation with a Kerr cell; the resulting spectrum is
then scanned by a second interferometer. Phase modula-
tion, suppressed carrier modulation, amplitude modu-
lation, and single sideband modulation are discussed.

63-14012

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II. Duong Hong Tuon
III. Pissard, J.

A63H650

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Determination of Interference by High Tension
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Econ - Printing Industry
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Electromagnetic Waves in Plasmas, by T. Concoll,
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TIONS INTO THE PROPERTIES OF HEAT-RESISTANT
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DESCRIPTORS: *Heat-resistant alloys, *Steel, *Steel
castings, Creep, Tests.

I. Constant, A.
II. Title: Results ...

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DESCRIPTORS: *Textile industry, France, Machines,
Threads, Manufacturing methods, Textiles,
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12 pp.

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M. Constantinescu

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Trans. of Automatics and Electronics (Romania) 1958,
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DESCRIPTION: Automatics. *Control systems.
Nonlinear systems. Stability. Transients. Tests.
*Lyapunov functions. Differential equations.

The first of four parts of this paper is devoted to a
statement and proof of a theorem concerning the
asymptotic stability as the large of the trivial solution
of $\dot{x} = f(x, t)$. Next, two quality or performance in-
dices, and minimum overshoot and settling time are
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